

# IR HUNTER<sup>TM</sup> MARK III

## THERMAL WEAPON SIGHT



### MKIII Features

- 7° Field Of View (60mm Model)
- Stadiametric Range Finder
- Digital Position Read-Outs
- Multiple Reticle Save Locations
- 5 Reticle Patterns
- Sharper Image Quality

### Standard Features

- Rifle Scope Ergonomics
- Turret Knob Controls
- 60hz Super Fast Image
- Mil. Spec Construction
- Clip-On Capability
- Polarity and Zoom Modes
- 640x480 Thermal Sensor
- 12 MICRON Technology
- 100% Made in USA
- 3 Year Warranty

# IR HUNTER<sup>TM</sup> MARK III

## THERMAL WEAPON SIGHT

The IR HUNTER<sup>TM</sup> MK III takes all the features and performance of the Mark II and adds a long range 7° degree field-of-view lens with a stadiametric range finder. The 4.5x magnification combined with the 640x480 resolution 12um micron LWIR thermal core delivers the perfect combination for a 24/7 weapon sighting platform. One of the benefits of the 12um micron technology is that it delivers 50% more magnification from the same lens used on a 17um micron thermal core, this means our 60mm thermal lens offers the same magnification and FOV of a 90mm lens. We also have 60hz fast frame rate in every MK III system at no addition cost to you. The fast frame rate will be very useful for leading a shot of a fast moving target.

The MARK III brings several new features such as multiple reticle save locations so you can mount the sight on different weapons and keep your reticle position. It has a new digital read-out on the reticle adjustment screen giving you information on exactly how many clicks you have adjusted the system. We also have added two new reticle patterns so you can find the best fit for your application. And to finish off the MARK III we have added a flip-up lens cap, dual lever LT100 LaRue mount, battery extender and a video/download cable to every MKIII thermal weapon sight.



IR DEFENSE CORPORATION

### EXPORT WARNING

Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State, Directorate of Defense Trade Controls as proscribed in the International Traffic in Arms Regulations (ITAR), Title 22 Code of Federal Regulation, Parts 120-130

RANGING MARKS

RANGE READ-OUT



## SPECIFICATIONS

**Sensor Type**  
Uncooled VOx (Vanadium Oxide)

**Thermal Sensitivity**  
<50mk

**Sensor Resolution**  
640 x 480

**Sensor Pitch**  
12um Micron

**Frame Rate**  
60hz with a 30hz Power Save Mode

**Spectral Responce**  
8 - 12 um

**Display Type**  
OLED

**Display Resolution**  
640x480 Pixels

**Basic Features**  
E-Zoom, Polarity

**Advanced Features**  
DCE - Digital Contrast Enhancement  
ETR - Enhanced Target Recognition  
RANGE FINDER - Stadiametric

**Start Up Time**  
>4 Seconds

**Video Output**  
Analog RS-170 (with Optional Cable)

**Battery Type**  
2 each CR123 3 volt

**Battery Life**  
3.5 Hours @ 60hz  
5 Hours @ 30hz

**Weapon Mount**  
LaRue Tactical Rail Mount

**Reticle**  
Simple and Complex Reticles  
MOA Adjustments  
Digital Read-Outs  
4 Save Locations

**Weight**  
4.5x Model 1050 grams  
2.5x Model 990 grams

**Dimensions**  
4.5x Model 7.6" L x 3.1" H x 3.3" W  
2.5x Model 7.4" L x 2.9" H x 3.1" W

**Diopter**  
-6 / +4

**Eye Relief**  
27 mm

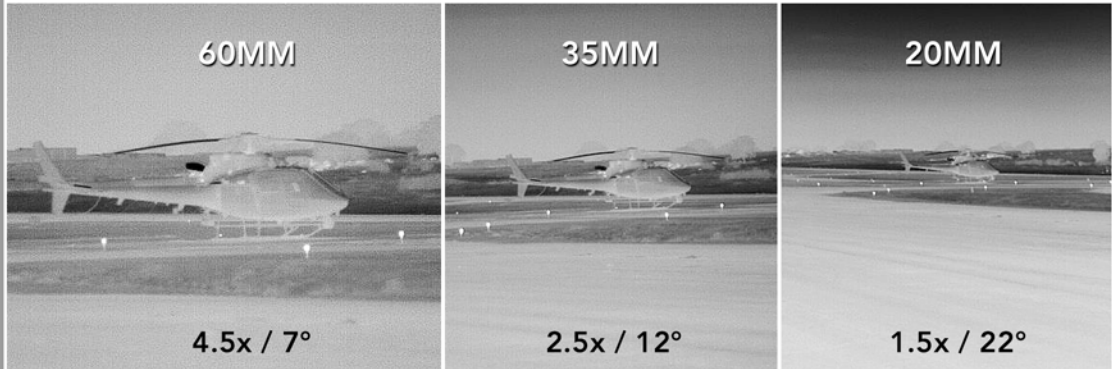
**Environmental**  
-40c to +55c Operating  
-45c to +75c Storage

# IR HUNTER™ MARK III

## THERMAL WEAPON SIGHT

### IR HUNTER MK III Models

Model	Sensor	Optical Mag	Digital Mag	Lens	Base FOV
IRHM3-640-60K	640x480	4.5x	36x	60mm f/1.25	7°
IRHM3-640-35K	640x480	2.5x	20x	35mm f/1.2	12°



Actual images taken through the IR HUNTER MKII and MK III at night

### MK III STANDARD KIT CONTENTS:

1. IR HUNTER MKIII Weapon Sight  
Part No. IRHM3-xxx-xx
2. LaRue Tactical LT100 Mount  
Part No. IRDMNT-LT10
3. Shuttered Eyeguard  
Part No. IRDTWS-3207
4. Tactical Soft Case, Black  
Part No. IRDTWS-9923
5. Operator's Manual  
Part No. IRDTWS-9925
6. QRG Quick Reference Guide  
Part No. IRDTWS-9926
7. (2) CR123A Lithium Battery  
Part No. IRDPRT-9123
8. Download / Video Cable  
Part No. IRDACC-9704
9. Battery Extender  
Part No. IRDACC-6180

### IR HUNTER STANDARD KIT



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